Technical Report No. 70

CLIMATE DATA FOR

THE IBP SITES ON MAUNA LOA, HAWAII

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U. S. International Biological Program

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ABSTRACT

This report contains the fourth set of Tables for the climatic data collected at the US/IBP Island Ecosystems IRP field sites on Mauna Loa, Hawaii. These data were collected during the first six months of 1975 using the same procedures as employed for the data collection reported in Technical Report No. 22, Supplement 1, Technical Report No. 38, and Technical Report No. 59.

The figures are not included in this report because the data are for only the first half of the year. No attempt has been made in this report to interpret the Tables that are presented.

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INTRODUCTION

This Technical Report presents additions to the climate data records obtained on the IBP research sites. These data are based on collections for the first six months of 1975. As with the previous reports, a discussion of the limitations of data collection and data reduction procedures is not included here. Therefore, some care should be exercised in using these data. Please contact the IBP office if you have questions regarding these problems.

The data collection sites listed in this report are shown in Technical Report No. 22, Supplement 1. All of the procedures used for data collection and reduction have remained the same. Therefore, the tables from Technical Report No. 22, Supplement 1, Technical Report No. 38, and Technical Report No. 59 can be compared with these tables.

Tables of saturation deficit values which are similar in format to the Daily Temperature and Humidity Means and Ranges tables have been included in this report.

Due to malfunctioning of the hygrothermograph recorders, humidity, temperature, and saturation deficit data for January at K5400 and M6600 are missing.

These data are the result of many people's efforts. We wish to thank Fred Ball and Terry Parman for collecting most of the field data, Sarah Wirawan for preparing much of the machine-readable records, and Bobbie Myers for providing technical assistance.

KILAUEA 5400 MONTH = JANUARY YEAR = 1975

DAY	TEMPERATURE MINIMUM C	TEMPERATURE MINIMUM F	TEMPERATURE MEAN C	TEMPERATURE MEAN F	TEMPERATURE MAXIMUM C	TEMPERATURE MAXIMUM F	HRS	HUMIDITY MINIMUM (% SATURATION)	HUMIDITY MEAN (% SATURATION)	HUMIDITY MAXIMUM (% SATURATION)	HRS
1							0				0
2							0				0
3							0				0
4							0				0
5							0				0
6							0				0
7							0				0
8							0				0
9							0				0
10							0				0
11							0				0
12							0				0
13							0				0
14			(DATA NOT RECORDED)				0				0
15							0				0
16							0				0
17							0				0
18							0				0
19							0				0
20							0				0
21							0				0
22							0				0
23							0				0
24							0				0
25							0				0
26							0				0
27							0				0
28							0				0
29							0				0
30							0				0
31							0				0
MONTH							0				0

KILAUEA 5400 MONTH = FEBRUARY YEAR = 1975

DAY	TEMPERATURE MINIMUM C	TEMPERATURE MINIMUM F	TEMPERATURE MEAN C	TEMPERATURE MEAN F	TEMPERATURE MAXIMUM C	TEMPERATURE MAXIMUM F	TEMPERATURE HRS	HUMIDITY MINIMUM (% SATURATION)	HUMIDITY MEAN (% SATURATION)	HUMIDITY MAXIMUM (% SATURATION)	HUMIDITY HRS
1							0				0
2							0				0
3	12	54	14	57	16	61	16	85	94	97	16
4	8	46	11	52	15	59	24	83	95	98	24
5	6	43	10	51	16	61	24	82	94	98	24
6	4	39	10	49	19	66	24	67	91	99	24
7	5	41	9	49	16	61	24	74	93	99	24
8	3	37	10	49	18	64	24	51	88	99	24
9	8	66	11	52	13	55	24	95	97	98	24
10	10	50	12	54	16	61	22	92	97	99	18
11	11	52	12	53	13	55	24	99	99	100	24
12	11	52	12	53	14	57	24	90	97	99	24
13	10	50	11	53	13	55	24	98	99	100	24
14	9	48	11	52	14	57	24	97	93	100	24
15	8	46	10	49	12	54	8	99	99	100	8
16							0				0
17	11	52	12	53	13	55	14	95	97	100	14
18	10	50	12	53	15	59	24	85	97	100	24
19	10	50	12	53	16	62	24	78	95	99	24
20	8	66	11	42	16	61	24	81	96	98	24
21	5	41	11	52	17	63	24	76	94	100	24
22	8	46	11	52	15	59	24	84	96	100	24
23	5	41	10	50	16	61	24	69	92	100	24
24	6	43	10	49	18	64	20	34	65	89	20
25	8	46	13	56	23	73	24	31	65	97	24
26	8	66	13	56	20	68	24	57	84	99	24
27	9	48	12	53	15	59	24	85	97	100	24
28	10	50	11	52	13	55	24	98	99	100	24
MONTH	3	37	11	52	23	73	560	31	93	100	556

KILAUEA 5400 MONTH = MARCH YEAR = 1975

DAY	TEMPERATURE MINIMUM C	MINIMUM F	MEAN C	MEAN F	MAXIMUM C	MAXIMUM F	HRS	HUMIDITY MINIMUM (% SATURATION)	MEAN	MAXIMUM	HRS
1	5	41	11	52	18	64	24	66	88	99	24
2	2	36	10	53	21	70	24	36	79	98	24
3	6	43	9	79	14	57	22	93	97	100	18
4	6	46	10	50	14	57	24	73	92	99	24
5	9	48	11	52	15	59	24	83	96	99	24
6	7	45	12	53	20	68	24	54	87	99	24
7	5	41	11	52	18	64	24	67	92	100	24
8	4	39	11	52	20	68	24	62	88	100	24
9	8	46	12	53	18	64	24	63	92	99	24
10	10	50	11	53	16	61	18	84	96	99	16
11	8	46	13	55	16	61	24	81	93	99	24
12	11	52	13	55	14	57	24	97	98	99	24
13	11	52	12	53	14	57	24	96	98	99	24
14	10	50	11	53	14	57	24	91	98	99	24
15	9	48	11	52	15	59	24	93	98	99	24
16	11	52	12	54	15	59	24	93	97	100	24
17	10	56	12	53	15	59	22	100	100	100	18
18	11	52	12	54	15	59	24	94	99	100	24
19	4	45	12	53	18	64	24	71	92	100	24
20	7	45	11	53	19	66	24	66	92	100	24
21	6	43	12	53	20	68	24	57	89	100	24
22							0				0
23							0				0
26							0				0
25							0				0
26							0				0
27							0				0
28							0				0
29							0				0
30							0				0
31							0				0
MONTH	2	36	11	52	21	70	494	36	93	100	484

KILAUEA 5400 MONTH = APRIL YEAR = 1975

DAY	TEMPERATURE MINIMUM C	TEMPERATURE MINIMUM F	TEMPERATURE MEAN C	TEMPERATURE MEAN F	TEMPERATURE MAXIMUM C	TEMPERATURE MAXIMUM F	TEMPERATURE HRS	HUMIDITY MINIMUM (% SATURATION)	HUMIDITY MEAN (% SATURATION)	HUMIDITY MAXIMUM (% SATURATION)	HUMIDITY HRS
1							0				0
2							0				0
3							3				0
4							0				0
5							0				0
6							0				0
7							3				0
8	10	50	11	52	15	59	12	85	95	98	12
9	a	46	10	51	13	55	24	88	96	99	24
13	6	43	11	51	16	61	24	72	93	100	24
11	6	43	10	51	15	59	24	81	95	100	24
12	6	43	12	53	19	66	14	61	85	100	$4
13							n				0
14							0				a
15							0				3
16							6				0
17							0				0
18							0				0
19							0				0
20							0				0
21							0				0
22							0				0
23							0				0
24							0				0
25							0				0
26							0				0
27							0				0
28	12	54	14	57	17	63	14	96	99	100	14
29	a	46	13	55	18	64	24	81	96	100	24
30	9	48	12	53	15	59	24	82	95	100	24
MONTH	6	43	11	53	19	66	160	61	94	100	160

KILAUEA 5400 MONTH = WAY YEAP = 1975

DAY	TEMPERATUPE MINIMUM C	F	MEAN C	F	MAXIMUM C	F	HRS	HUMIDITY MINIMUM (% SAIURATION)	MEAN	MAXIMUM	HRS
1	a	46	11	52	14	57	24	81	95	100	24
2	8	46	13	50	12	54	24	94	98	133	24
3	5	41	9	48	11	52	24	96	98	100	24
4	6	43	10	49	13	55	24	96	9%	100	24
5	7	45	9	49	12	54	20	98	99	100	18
6	7	45	10	49	13	55	24	98	99	100	24
7	7	45	10	50	14	57	24	97	99	100	24
8	8	46	11	52	16	61	24	81	96	100	24
9	3	37	9	49	17	63	24	74	95	100	24
10	2	36	9	4%	19	66	24	54	86	103	24
11	2	36	10	50	19	66	24	56	a7	100	24
12	4	39	9	48	17	63	22	47	92	100	18
13	5	41	10	50	18	64	24	47	79	97	24
14	4	39	9	49	16	61	24	73	92	100	24
15	6	43	11	51	16	61	24	68	91	100	24
16	5	41	11	51	17	63	24	76	92	100	24
17	4	39	11	52	19	66	24	44	85	99	24
18	5	41	11	52	18	64	24	63	88	100	24
19	6	43	10	51	18	64	20	66	91	100	20
20	6	43	21	51	17	63	24	68	93	100	24
21	8	46	10	49	11	52	22	97	99	100	22
22							0				0
23							0				0
24							3				0
25							0				0
26	8	46	11	51	15	59	12	71	88	97	12
27	4	39	10	51	17	63	24	63	88	48	24
28	4	39	10	50	16	61	24	66	91	100	24
29	7	45	11	52	15	59	24	78	94	99	24
33	3	37	10	49	17	63	24	76	94	100	24
31	7	45	10	51	15	59	24	81	93	100	24
MONTH	2	36	10	50	19	66	624	44	93	100	618

KILAUEA 5400 MONTH = JUNE YEAR = 1975

DAY	TEMPERATURE MINIMUM C	MINIMUM F	MEAN C	MEAN F	MAXIMUM C	MAXIMUM F	HRS	HUMIDITY MINIMUM (% SATURATION)	MEAN	MAXIMUM	HRS
1	6	43	11	51	18	64	24	66	88	99	24
2	3	37	8	46	14	57	18	71	90	100	18
3	2	36	10	49	18	64	24	61	86	99	24
4	6	43	11	52	17	63	24	68	90	99	24
5							0				0
6							0				0
7							0				0
8							0				0
9							3				3
10							0				0
11							0				0
12							0				0
13							0				0
14							0				0
15							0				0
16	5	41	10	51	16	61	14	82	90	96	12
17	5	41	11	51	16	61	24	74	91	100	24
18	9	48	11	51	14	57	24	79	93	98	24
19	8	46	11	51	15	59	24	72	93	99	24
20	8	46	10	50	13	55	24	93	98	100	24
21	7	45	11	52	17	63	24	77	93	100	24
22	5	41	12	53	15	66	24	76	92	100	24
23	5	41	10	51	19	66	20	47	81	99	18
24	8	46	13	55	20	68	24	56	76	97	24
25	7	45	11	52	16	61	24	76	92	99	24
26	4	39	11	51	17	63	24	63	37	100	24
27	5	41	11	51	17	63	24	50	82	100	24
28	7	45	11	52	17	63	24	52	86	100	24
29	8	46	11	52	14	57	24	98	94	99	24
30	6	43	10	51	17	63	22	72	92	100	20
MONTH	2	36	11	51	20	68	434	47	89	100	428

MAUNA LOA 4200 MONTH = JANUARY YEAR = 1975

DAY	TEMPERATURE MINIMUM C	MINIMUM F	MEAN C	MEAN F	MAXIMUM C	MAXIMUM F	HRS	HUMIDITY MINIMUM (% SATURATION)	HUMIDITY MEAN (% SATURATION)	HUMIDITY MAXIMUM (% SATURATION)	HRS
1	9	48	13	55	19	66	24	46	79	98	24
2	9	48	13	56	19	66	24	52	80	96	24
3	11	52	12	54	15	59	24	80	93	100	24
4	10	50	12	53	14	57	24	96	99	100	24
5	10	50	12	53	13	55	24	96	97	99	24
6	10	50	12	53	14	57	24	94	97	100	24
7	11	52	12	53	12	54	24	99	100	100	24
8	11	52	13	55	13	55	24	100	100	100	24
9	11	52	13	55	15	59	24	100	100	100	24
10	12	54	15	59	21	70	24	61	92	100	24
11	12	54	15	58	21	70	24	69	94	99	24
12	10	50	15	59	21	70	24	61	91	99	24
13	8	46	32	54	18	64	24	78	96	99	23
14	7	45	13	56	20	68	24	57	89	99	24
15	8	46	13	56	20	68	24	67	92	98	24
16	8	46	13	56	20	68	24	68	93	99	24
17	6	43	12	54	10	64	24	68	86	98	24
18	4	39	11	52	20	68	24	40	85	100	24
19	8	46	10	51	15	59	13	a4	97	100	10
20	11	52	14	56	16	61	16	83	94	98	16
21	8	46	13	55	21	70	24	53	82	98	24
22	a	46	13	55	20	68	24	46	82	35	24
23	9	48	13	55	19	66	24	58	86	97	24
24	10	50	15	59	22	72	24	42	67	88	24
25	10	50	13	56	10	64	24	68	84	97	24
26	7	45	11	52	17	63	24	52	82	97	24
27	5	41	11	51	19	66	22	34	80	100	24
28	6	43	11	53	17	63	24	69	92	100	24
29	9	48	12	53	14	57	24	93	98	100	24
30	10	50	12	53	13	55	24	100	100	100	24
31	11	52	12	54	13	55	24	100	100	100	24
MONTH	4	39	13	55	22	72	720	34	90	100	718

MAUNA LOA 4200 MONTH = FEBRUARY YEAR = 1975

DAY	TEMPERATURE MINIMUM C	MINIMUM F	MEAN C	MEAN F	MAXIMUM C	MAXIMUM F	HRS	HUMIDITY MINIMUM (% SATURATION)	HUMIDITY MEAN (% SATURATION)	HUMIDITY MAXIMUM (% SATURATION)	HRS
1	11	52	13	55	16	61	24	98	99	100	24
2	11	52	14	57	18	64	24	79	96	99	24
3	10	50	13	55	15	59	18	96	98	100	20
4	8	46	11	52	15	59	24	87	97	100	24
5	7	45	11	52	17	63	24	74	94	100	24
6	5	41	11	51	18	64	24	59	88	100	24
7	5	41	11	51	17	63	24	56	84	98	24
8	5	42	11	53	19	66	24	48	82	100	24
9	10	50	12	53	14	57	24	97	99	100	24
10	10	50	12	54	15	59	22	94	98	100	20
11	11	52	12	53	13	55	24	98	100	100	24
12	10	50	12	54	15	59	24	88	97	100	24
13	10	50	12	53	15	59	24	90	98	100	24
14	9	48	11	53	16	61	24	59	92	94	24
15	8	46	13	54	19	66	24	63	a9	99	24
16	10	50	12	54	16	61	10	72	80	92	10
17	11	52	12	54	15	59	12	99	100	100	12
18	10	50	12	54	17	63	24	69	95	100	24
19	9	48	12	54	19	66	24	68	93	100	24
20	8	46	12	53	20	68	24	57	92	100	24
21	5	41	12	54	21	70	24	65	92	100	24
22	7	45	13	55	20	68	18	58	91	100	24
23	7	45	12	53	18	64	24	58	83	100	24
24	6	43	13	55	21	70	22	19	41	98	22
25	10	50	16	60	24	75	24	21	51	97	24
26	10	50	15	58	21	70	24	53	77	100	24
27	10	50	13	55	18	64	24	69	94	100	24
28	10	50	12	53	14	57	24	100	100	100	24
MONTH	5	41	12	54	24	75	630	19	89	100	636

MAUNA LOA 4209 MONTH = MARCH YEAR = 1975

DAY	TEMPERATURE MINIMUM C	TEMPERATURE MINIMUM F	TEMPERATURE MEAN C	TEMPERATURE MEAN F	TEMPERATURE MAXIMUM C	TEMPERATURE MAXIMUM F	TEMPERATURE HRS	HUMIDITY MINIMUM (% SATURATION)	HUMIDITY MEAN (% SATURATION)	HUMIDITY MAXIMUM (% SATURATION)	HUMIDITY HRS
1	a	46	12	54	19	66	24	56	85	100	24
2	4	39	11	51	21	70	24	30	66	87	24
3	6	43	10	49	16	61	20	81	95	100	18
4	8	46	11	52	16	61	24	70	89	100	24
5	8	46	12	53	18	64	24	76	96	100	24
6	8	46	13	55	21	70	24	52	84	100	24
7	8	46	13	55	20	68	24	73	92	100	24
8	7	45	13	55	21	70	24	58	87	100	24
9	8	46	13	54	19	66	24	57	89	100	24
10	10	50	11	52	13	55	16	98	99	100	14
11	14	57	17	62	22	72	18	94	96	99	8
12	12	54	14	57	17	63	24	96	98	99	24
13	12	54	13	56	16	61	24	97	98	100	24
14	12	54	14	57	19	h6	14	96	98	100	18
15	11	52	15	59	18	64	8	89	95	99	12
16	12	54	14	57	17	63	18	87	97	100	24
17	11	52	13	56	18	64	22	76	96	100	22
18	11	52	13	55	17	63	24	72	92	100	24
19	10	50	13	55	17	63	24	35	70	100	24
20	9	48	12	54	19	66	24	54	82	99	24
21	7	45	12	53	19	66	24	50	81	99	24
22	7	45	12	54	20	68	24	63	94	100	24
23	9	48	12	54	20	68	24	65	93	100	24
24	9	48	12	54	19	66	22	60	91	100	22
25	7	45	12	53	18	64	24	77	94	100	24
26	7	45	11	52	15	59	24	78	97	100	24
27	6	43	11	51	13	55	24	99	100	100	24
28	7	45	12	53	17	63	24	76	9s	100	24
29	8	46	12	53	15	59	24	91	99	i00	24
30	11	52	13	55	14	57	24	100	100	100	24
31	9	48	13	55	20	68	24	67	93	100	24
YONTH	4	39	12	54	22	72	690	30	91	100	690

MAUNA LOA 4200 MONTH = APRIL YEAR = 1975

DAY	TEMPERATURE MINIMUM C	MINIMUM F	MEAN C	MEAN F	MAXIMUM C	MAXIMUM F	HRS	HUMIDITY MINIMUM (% SATURATION)	HUMIDITY MEAN (% SATURATION)	HUMIDITY MAXIMUM (% SATURATION)	HRS
1	a	46	13	55	20	68	24	62	88	100	24
2	9	48	10	51	13	55	24	94	99	100	24
3	9	40	12	53	19	66	24	71	94	100	24
4	9	48	12	53	17	63	24	58	93	100	24
5	10	50	11	52	15	59	24	88	98	100	24
6	8	46	11	52	17	63	24	60	92	100	24
7	7	45	10	50	13	55	18	100	100	100	18
8	8	46	12	54	18	64	24	71	92	103	24
9	9	48	12	53	17	63	24	64	90	100	24
LO	8	46	12	53	15	59	24	77	96	100	24
11	7	45	11	52	16	61	24	85	98	100	24
12	8	46	13	55	18	64	24	70	92	100	24
13	8	46	12	54	18	64	24	74	92	100	24
14	9	48	L3	56	19	66	24	54	85	100	24
15	10	50	13	55	19	66	24	59	89	99	24
16	10	50	12	53	15	59	24	78	92	100	24
17	9	40	14	56	19	66	24	49	79	100	24
18	10	50	13	56	20	68	24	49	85	100	24
19	11	52	13	55	16	61	24	80	95	400	24
29	11	52	13	55	17	63	24	81	95	99	24
21	10	50	13	56	19	66	22	58	87	99	22
22	10	50	13	56	18	64	24	58	79	99	24
23	9	48	13	56	19	66	24	45	82	99	24
24	10	50	14	57	18	64	24	69	86	100	24
25	12	54	13	56	16	61	24	77	93	100	24
26	10	50	14	58	20	68	24	60	89	100	24
27	11	52	14	58	19	66	24	68	92	100	24
28	11	52	15	59	21	70	24	64	91	100	24
29	11	52	15	59	21	70	24	66	89	100	24
30	11	52	13	56	18	64	24	68	91	100	24
MONTH	7	45	13	55	21	70	712	45	91	100	712

MAUNA LOA 4200 MONTH = YAY YEAR = 1975

DAY	TEMPERATURE MINIMUM C	MINIMUM F	MEAN C	MEAN F	MAXIMUM C	MAXIMUM F	HRS	HUMIDITY MINIMUM (% SATURATION)	MEAN	MAXIMUM	HRS
1	9	48	13	55	18	64	24	61	88	100	24
2	10	50	13	55	19	66	24	66	88	100	24
3	9	48	12	53	18	64	24	61	86	100	24
4	9	48	13	54	17	63	24	66	91	100	24
5	9	48	12	54	17	63	24	76	95	100	22
6	9	48	12	53	17	63	24	77	94	100	24
7	8	46	12	54	17	63	24	70	91	99	24
8	8	46	13	56	20	68	24	52	86	99	24
9	6	43	12	54	19	66	24	59	83	99	24
10	5	41	13	55	24	75	24	54	85	100	16
11	8	46	13	56	20	68	24	95	96	97	4
12	9	40	14	58	22	72	22	46	69	97	16
13	10	50	15	59	23	73	24	37	62	98	24
14	10	50	14	57	21	7c	24	37	70	99	24
15	9	48	14	57	23	73	24	45	83	100	24
16	10	50	15	58	21	70	24	61	88	100	24
17	9	48	16	60	25	77	24	42	81	100	24
18	10	50	16	60	23	73	24	50	81	100	24
19	11	52	15	58	23	43	22	47	85	100	22
20	11	52	15	58	21	70	24	56	82	100	24
21	11	52	13	55	15	59	24	85	95	100	24
22	a	46	14	57	22	72	24	48	80	100	24
23	6	43	14	57	23	73	24	39	81	100	24
24	9	48	14	57	20	68	24	48	88	100	24
25	8	46	14	57	21	70	24	56	85	100	24
26	10	5Q	14	56	20	68	22	51	82	100	20
27	a	46	14	57	21	70	24	52	83	100	24
28	8	46	13	56	20	68	24	50	88	100	24
29	9	48	14	57	20	58	24	62	90	100	24
30	8	46	13	56	18	64	24	66	93	100	24
31	10	50	14	57	20	68	24	61	85	100	24
MONTH	5	41	14	54	25	77	738	37	85	100	700

MAUNA LOA 4200 MONTH = JUNE YEAR = 1975

DAY	TEMPERATURE MINIMUM C	MINIMUM F	MEAN C	MEAN F	MAXIMUM C	MAXIMUM F	HRS	HUMIDITY MINIMUM (% SATURATION)	HUMIDITY MEAN (% SATURATION)	HUMIDITY MAXIMUM (% SATURATION)	HRS
1	10	50	14	58	23	73	24	50	81	98	24
2	9	48	11	52	16	61	18	65	91	100	18
3	10	50	15	59	23	73	24	49	76	100	24
4	10	50	15	59	21	70	24	59	80	98	24
5	8	46	15	60	24	75	24	48	82	100	24
6	11	52	16	60	24	75	24	45	89	100	24
7	11	52	15	59	22	72	24	50	91	100	24
8	10	50	15	58	21	70	24	47	87	100	24
9	11	52	15	59	22	72	22	43	77	100	22
10	10	50	14	58	21	70	24	48	87	100	24
11	12	54	15	59	22	72	24	61	89	100	24
12	11	52	15	59	21	70	24	61	90	100	24
13	11	52	15	59	20	68	24	60	87	100	24
14	11	52	15	59	22	72	24	60	86	100	24
15	11	52	14	57	20	68	24	51	83	100	24
16	11	52	12	53	12	54	6	83	89	93	6
17							0				0
18							3				0
19							0				0
20							0				3
21							0				0
22							0				0
23	14	57	19	65	24	75	14	41	44	47	10
24	11	52	16	60	22	72	24	49	47	97	24
25	9	48	13	55	19	66	24	66	87	100	24
26	8	46	13	55	19	66	24	56	84	100	24
27	8	46	13	55	21	70	24	36	72	99	24
28	8	46	13	56	21	70	24	41	81	100	24
29	13	56	12	54	16	61	24	84	98	100	24
30	9	48	11	52	13	55	16	89	96	100	16
MONTH	8	46	14	58	24	75	532	36	83	100	528

YAUNQ LOA 5400 MONTH = JANUARY YEAR = 1975

DAY	TEMPERATURE MINIMUM C	MINIMUM F	MEAN C	MEAN F	MAXIMUM C	MAXIMUM F	HRS	HUMIDITY MINIMUM (% SATURATION)	MEAN	MAXIMUM	HRS
1	4	39	11	51	19	66	24	22	59	100	24
2	6	43	11	52	17	63	24	56	85	97	24
3	9	48	11	51	14	57	24	72	93	100	24
4	9	48	10	50	12	54	24	96	99	100	24
5	9	48	10	50	12	54	24	97	98	98	24
6	8	46	11	51	14	57	24	87	96	100	22
7	10	50	10	50	11	52	24	100	103	100	24
8	10	50	11	51	11	52	24	100	100	100	24
9	10	50	11	52	13	55	24	100	100	100	24
10	9	48	13	55	17	63	24	81	95	100	24
11	10	50	13	55	18	64	24	84	96	99	24
12	8	46	13	56	18	64	24	63	91	99	24
13	6	43	11	51	16	61	24	76	96	99	22
14	5	41	11	52	16	61	24	70	91	100	24
15	5	41	11	52	16	61	24	70	90	98	24
16	4	39	11	51	15	59	24	79	94	99	24
17	4	39	10	50	17	63	24	56	74	94	24
18	3	37	10	5:	19	66	24	52	78	99	24
19	5	41	10	50	14	57	24	89	96	100	24
20	4	39	11	51	17	63	22	74	90	99	22
21	5	41	11	52	18	64	24	56	74	96	24
22	5	41	10	50	18	64	24	60	78	90	24
23	5	41	11	51	18	64	24	56	80	96	24
24	8	46	13	56	20	68	24	39	56	79	24
25	3	37	11	52	16	61	24	60	82	99	24
26	1	34	9	48	16	61	24	54	75	96	24
27	1	34	9	48	17	63	22	44	71	99	22
28	4	39	9	49	14	57	24	81	93	100	24
29	7	45	10	50	12	54	24	55	97	100	24
30	9	43	10	50	11	52	24	99	100	100	24
31	9	48	10	50	11	52	24	99	100	100	24
MONTH	1	34	11	51	20	68	740	22	88	100	736

MAUNA LOA 5400 MONTH = FEBRUARY YEAR = 1975

DAY	TEMPERATURE MINIMUM C	MINIMUM F	MEAN C	MEAN F	MAXIMUM C	MAXIMUM F	HRS	HUMIDITY MINIMUM (% SATURATION)	MEAN	MAXIMUM	HRS
1	9	48	11	52	14	57	24	96	98	100	24
2	9	48	13	55	16	61	24	89	94	98	24
3	10	50	12	54	17	63	20	93	96	98	20
4	6	43	11	51	15	59	24	78	92	97	24
5	5	41	10	50	16	61	24	70	90	97	24
6	2	36	9	48	16	61	26	58	85	100	24
7	1	34	8	46	15	59	24	56	85	99	24
8	1	34	9	49	17	63	24	48	80	98	24
9	8	46	10	50	12	54	24	96	97	98	24
10	9	48	11	51	14	57	22	92	97	98	20
11	9	48	11	51	12	54	24	97	98	99	24
12	8	46	10	51	12	54	24	90	97	99	24
13	8	46	10	55	13	55	24	91	97	99	24
14	7	45	10	50	15	59	24	78	93	99	24
15	6	45	11	51	16	61	24	62	90	100	24
16	8	46	12	53	17	63	24	70	81	93	20
17	8	46	13	53	14	57	18	86	95	98	18
18	8	46	11	52	16	61	24	61	89	100	24
19	8	46	11	52	17	63	24	63	89	100	24
20	4	39	11	51	18	64	24	56	88	99	24
21	4	39	11	52	18	64	24	59	88	99	24
22	7	45	11	52	16	61	24	64	91	99	24
23	15	41	11	52	18	64	24	44	75	99	24
24		52	12	53	12	54	8	22	23	24	8
25							0				0
26							0				0
27							0				0
28							0				0
MONTH	1	34	11	51	18	64	548	22	90	100	542

MAUNA LOA 5400 MONTH = MARCH YEAR = 1975

DAY	TEMPERATURE MINIMUM C	MINIMUM F	MEAN C	MEAN F	MAXIMUM C	MAXIMUM F	HRS	HUMIDITY MINIMUM (% SATURATION)	MEAN	MAXIMUM	HRS
1							3				0
2							0				3
3							0	86	98	100	12
4							0	55	83	100	24
5							1	65	89	100	24
6							3	40	69	100	24
7							0	63	83	100	24
8							1	24	73	100	24
9							0	50	86	100	24
10							0	50	87	100	16
11							1	55	83	100	24
12							0	99	100	100	24
13							0	92	99	100	24
14							1	72	94	100	24
15							0	68	89	100	24
16							0	73	96	100	24
17	13	55	15	59	17	63	14	73	92	100	20
18	12	54	14	57	17	63	24	68	86	100	24
19	12	54	15	59	18	64	24	21	43	99	24
20	12	54	15	59	18	64	24	23	39	72	24
21	6	43	12	54	18	64	24	30	64	80	24
22	8	46	13	55	18	64	24	64	87	100	24
23	10	50	14	56	17	63	24	62	88	100	24
24	10	50	12	54	16	61	22	61	90	100	20
25	8	46	13	55	17	63	24	64	87	100	24
26	10	50	12	53	14	57	24	71	96	100	24
27	7	45	11	52	14	57	24	94	99	100	24
28	9	40	12	54	15	59	24	79	96	100	24
29	11	52	12	53	12	54	24	95	99	100	24
30	12	54	12	54	13	55	24	100	100	100	24
	9	48	13	55	16	61	24	58	86	100	18
MONTH	6	43	13	55	18	64	348	21	85	100	662

MAUNA LOA 5400 MONTH = APRIL YEAR = 1975

DAY	TEMPERATURE MINIMUM C	TEMPERATURE MINIMUM F	TEMPERATURE MEAN C	TEMPERATURE MEAN F	TEMPERATURE MAXIMUM C	TEMPERATURE MAXIMUM F	TEMPERATURE HRS	HUMIDITY MINIMUM (% SATURATION)	HUMIDITY MEAN (% SATURATION)	HUMIDITY MAXIMUM (% SATURATION)	HUMIDITY HRS
1	9	48	13	56	is	61	24	54	80	99	24
2	11	52	11	52	12	54	24	88	95	100	24
3	10	50	11	53	13	55	24	67	91	98	24
4	11	52	12	53	13	55	24	61	91	98	24
5	11	52	12	53	12	54	24	84	94	99	24
6	11	52	12	53	13	55	24	56	87	97	24
7	9	48	11	51	12	54	22	88	96	98	22
8	4	48	12	54	18	64	20	68	90	99	24
9	9	48	12	54	14	57	24	69	90	99	24
10	8	46	12	53	14	57	24	76	93	100	24
11	8	46	11	51	13	55	24	88	97	100	24
12	8	46	12	53	25	59	24	64	87	100	24
13	9	48	11	51	12	54	24	74	92	100	24
14	9	48	13	56	17	63	22	64	85	100	20
15	11	52	13	56	17	63	24	58	a9	100	24
16	10	50	12	53	13	55	24	86	96	100	24
17	9	48	13	55	15	59	24	48	78	99	24
18	10	50	13	56	17	63	24	49	83	99	24
19	11	52	13	56	15	59	24	74	89	47	24
20	12	54	13	56	15	59	24	70	89	99	24
21	12	54	14	57	16	61	22	45	80	98	22
22	12	54	15	58	18	64	24	25	57	93	24
23	13	55	15	59	18	64	24	19	57	96	24
24	13	55	15	59	18	64	24	40	75	99	24
25	11	52	13	55	14	57	24	68	88	99	24
26	10	50	14	57	18	64	24	56	84	98	24
27	10	50	14	57	17	63	24	63	86	97	24
28	11	52	15	58	18	64	24	76	91	99	24
29	10	50	25	59	19	66	24	53	86	99	24
30	10	50	13	56	17	63	24	60	87	100	24
MONTH	8	46	13	55	19	66	710	19	86	100	7f2

MAUNA LOA 5400 MONTH = YAY YEAR = 1975

DAY	TEMPERATURE MINIMUM C	MINIMUM F	MEAN C	MEAN F	MAXIMUM C	MAXIMUM F	HRS	HUMIDITY MINIMUM (% SATURATION)	MEAN	MAXIMUM	HRS
1	7	45	12	54	16	61	24	56	82	98	24
2	12	54	13	55	14	57	24	62	85	99	24
3	10	50	12	54	14	57	24	39	82	96	24
4	19	50	13	55	15	59	24	72	89	98	24
5	10	50	13	55	15	59	22	80	94	100	24
6	10	50	13	54	25	59	24	75	91	100	24
7	9	48	12	54	15	59	24	65	83	95	24
8	6	43	13	55	17	63	24	49	76	100	24
9	6	43	12	53	17	63	24	48	79	99	24
10	6	43	13	55	20	68	24	17	51	92	24
11	6	43	13	55	19	66	24	32	60	97	24
12	8	46	13	56	19	66	20	46	57	100	20
13	12	54	15	59	19	66	24	30	43	59	24
14	11	52	14	57	17	63	24	36	61	95	24
15	11	53	14	56	18	64	24	53	80	100	24
16	7	45	14	57	20	68	24	49	72	99	24
17	11	52	17	62	22	72	24	19	53	94	24
18	13	55	18	64	22	72	24	32	48	90	24
19	10	50	16	61	24	75	20	29	55	92	20
26	10	50	15	59	20	68	24	37	64	95	24
21	9	43	11	51	12	54	24	82	91	98	24
22	7	45	13	55	18	64	24	54	80	97	24
23	6	43	13	55	19	66	24	41	76	100	24
24	8	46	13	56	18	64	24	52	85	99	24
25	8	46	13	56	1%	64	24	53	73	97	24
26	7	45	13	55	19	66	22	52	78	97	22
27	7	45	13	56	18	64	24	58	75	97	24
28	7	45	13	56	17	43	24	47	81	100	24
29	7	45	13	55	16	61	24	79	87	99	24
30	7	45	13	55	16	61	24	72	83	99	24
31	6	43	13	55	18	64	24	64	77	98	24
MONTH	6	43	13	56	24	75	732	17	74	100	734

MAUNA LOA 5400 MONTH = JUNE YEAR = 1975

DAY	TEMPERATURE MINIMUM C	MINIMUM F	MEAN C	MEAN F	MAXIMUM C	MAXIMUM F	HRS	HUMIDITY MINIMUM (% SATURATION)	HUMIDITY MEAN	HUMIDITY MAXIMUM	HRS
1	5	41	13	55	20	68	24	38	67	82	24
2	5	41	11	51	14	57	16	22	55	95	18
3	7	45	14	58	21	70	24	21	61	96	24
4	7	45	14	58	21	70	24	49	67	100	24
5	6	43	14	58	23	68	24	43	67	100	24
6	8	46	15	58	21	70	24	31	69	100	24
7	6	43	14	57	20	68	24	49	73	98	24
8	7	45	14	57	19	66	24	41	79	99	24
9	11	52	15	60	19	66	24	49	74	100	22
10	9	48	15	58	19	66	24	49	79	99	24
11	13	55	15	60	19	66	24	56	87	100	24
12	9	48	14	57	16	61	24	78	91	100	24
13	8	46	13	56	18	64	24	58	79	98	24
14	8	46	15	59	20	68	24	60	78	100	24
15	8	46	15	59	21	70	24	52	78	100	24
16	7	45	15	59	21	70	24	91	97	100	6
17	10	50	15	59	20	68	24				0
18	10	50	15	58	19	66	24				0
19	12	54	14	58	17	63	24				0
20	11	52	14	57	18	64	24				0
21	8	46	15	59	20	68	24				0
22	11	52	16	61	21	70	24				0
23	13	55	18	65	23	73	22	24	32	45	14
24	17	63	20	68	23	73	24	21	34	53	24
25	15	59	18	64	22	72	24	21	45	79	24
26	9	48	16	62	23	73	24	29	52	94	24
27	9	48	15	59	20	68	24	29	57	94	24
28	7	45	15	59	20	68	24	45	74	100	22
29	14	57	15	58	15	59	24				0
30	13	55	15	59	16	61	16	39	73	98	8
MONTH	5	41	15	59	23	73	702	22	68	100	498

MAUNA LOA 6600 MONTH = JANUARY YEAR = 1975

DAY	TEMPERATURE MINIMUM C	TEMPERATURE MINIMUM F	TEMPERATURE MEAN C	TEMPERATURE MEAN F	TEMPERATURE MAXIMUM C	TEMPERATURE MAXIMUM F	HRS	HUMIDITY MINIMUM (% SATURATION)	HUMIDITY MEAN (% SATURATION)	HUMIDITY MAXIMUM (% SATURATION)	HRS
1							0				0
2							0				0
3							0				0
4							0				0
5							0				0
6							0				0
7							0				0
8							0				0
9							0				0
10							0				0
11							0				0
12							0				0
13							0				0
14	(DATA NOT RECORDED)						0				0
15							0				0
16							0				0
17							0				0
18							0				0
19							0				0
20							0				0
21							0				0
22							0				0
23							0				0
24							0				0
25							0				0
26							0				0
27							0				0
28							0				0
29							0				0
30							0				0
31							0				0
MONTH							0				0

MAUNA LOP 6600 MONTH = FEBRUARY YEAR = 1975

DAY	TEMPERATURE MINIMUM C	MINIMUM F	MEAN C	MEAN F	MAXIMUM C	MAXIMUM F	HRS	HUMIDITY MINIMUM (% SATURATION)	MEAN	MAXIMUM	HRS
1							0				0
2							0				0
3	5	41	9	49	12	54	14	94	95	96	12
4	3	37	8	46	12	54	24	79	90	95	24
5	3	37	7	44	12	54	24	38	77	96	24
6	2	36	7	45	14	57	24	30	55	93	12
7	3	37	7	45	13	55	24	40	59	89	16
8	3	37	a	46	14	57	24	24	63	89	24
9	5	41	8	46	10	50	24	91	96	97	24
10	7	45	8	47	11	52	22	94	98	100	18
11	7	45	0	46	9	48	24	100	100	100	24
12	7	45	8	46	9	48	24	99	100	100	24
13	5	41	a	46	11	52	24	97	100	100	24
14	4	39	8	46	12	54	24	79	97	100	24
15	4	39	8	47	13	55	24	79	96	100	24
16	6	43	9	48	13	55	24	76	91	100	24
17	6	43	8	46	10	50	18	95	97	100	16
18	6	43	10	50	15	59	24	60	86	100	24
19	3	37	9	47	14	57	24	56	89	100	24
20	2	36	8	47	15	59	24	58	87	100	24
21	4	39	9	40	15	59	24	62	90	100	24
22	4	39	8	46	12	54	24	71	92	100	24
23	2	36	9	49	15	59	24	27	64	96	18
24	9	48	10	49	10	50	6	20	23	24	6
25							0				0
26							0				0
27							0				0
28							0				0
MONTH	2	36	8	47	15	59	492	20	87	100	458

MAUNA LOA 6600 MONTH = MARCH YEAR = 1975

DAY	TEMPERATURE MINIMUM C	TEMPERATURE MINIMUM F	TEMPERATURE MEAN C	TEMPERATURE MEAN F	TEMPERATURE MAXIMUM C	TEMPERATURE MAXIMUM F	HRS	HUMIDITY MINIMUM (% SATURATION)	HUMIDITY MEAN (% SATURATION)	HUMIDITY MAXIMUM (% SATURATION)	HRS
1							0				0
2							0				0
3							0				0
4							0				0
5							0				0
6							0				0
7							0				0
8							0				0
9							0				0
10							0				0
11							0				0
12							0				0
13							0				0
14							0				0
15							0				0
16							0				0
17							0	39	83	98	14
18							0	34	68	97	24
19							0	13	28	62	10
20	3	37	5	42	7	45	6				0
21	2	36	2	36	3	37	6				0
22	1	34	7	44	13	55	18				0
23	-1	30	5	41	13	55	24				0
24	0	32	5	41	11	52	22				0
25	-1	30	5	40	11	52	24				0
26	-1	30	4	39	8	46	24				0
27	-2	28	4	39	8	46	24				0
28	0	32	4	39	7	45	24				0
29	1	34	4	39	6	43	24				0
30	2	36	5	42	8	46	24				0
31	-1	30	5	41	11	52	22	50	72	96	16
MONTH	-2	28	5	40	13	55	242	13	66	98	64

MAUNA LOA 6600 MONTH = APRIL YEAR = 1975

DAY	TEMPERATURE MINIMUM C	MINIMUM F	MEAN C	MEAN F	MAXIMUM C	MAXIMUM F	HRS	HUMIDITY MINIMUM (% SATURATION)	MEAN	MAXIMUM	HRS
1	1	34	6	42	12	54	24	57	74	100	24
2	1	34	4	39	8	46	24	33	85	100	22
3	1	34	5	49	13	50	24	69	92	100	24
4	2	36	4	40	8	46	24	72	96	100	24
5	2	36	4	39	7	45	24	88	98	100	24
6	3	32	4	39	a	46	24	57	9a	100	24
7	-1	30	3	37	5	41	24	99	100	100	24
8	0	32	7	45	12	54	22	78	95	100	20
9	4	39	9	48	14	57	24	77	95	100	24
10	4	39	a	47	12	54	24	86	96	100	24
11	4	39	8	47	13	55	24	87	97	100	24
12	3	37	9	48	15	59	24	60	90	100	24
13	3	37	8	47	12	54	24	88	97	100	24
I4	2	36	9	40	17	63	22	56	86	99	22
15	3	37	10	49	16	61	24	33	77	100	24
16	5	41	8	47	13	55	24	73	92	100	24
17	2	36	9	48	15	59	24	36	68	100	24
18	3	37	10	49	17	63	24	35	55	77	24
19	5	41	9	49	14	57	24	34	77	100	24
23	7	45	10	49	14	57	24	42	85	100	24
21	6	43	9	49	15	59	20	25	76	100	22
22	7	45	12	53	10	64	24	14	35	a2	24
23	6	43	12	53	18	64	24	15	33	50	24
24	7	45	12	54	18	64	24	35	52	82	24
25	6	43	10	50	14	57	24	36	73	100	24
26	5	41	10	49	15	59	24	40	83	100	24
27	5	41	9	40	15	59	24	76	93	100	24
28	5	41	11	51	16	61	24	49	85	100	24
29	5	41	10	50	16	61	24	58	81	100	24
30	5	41	11	52	18	64	24	28	67	96	24
MONTH	-1	30	8	47	18	64	712	14	81	100	710

MAUNA LOP 6600 MONTH = MAY YEAR = 1975

	<---------- TEMPERATURE ---------->							<-------- HUMIDITY -------->			
04Y	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	5	41	10	51	17	63	24	26	59	97	24
2	4	39	8	47	14	57	24	62	86	100	24
3	3	37	7	45	12	54	24	33	81	100	24
4	2	36	8	46	14	57	24	64	92	100	24
5	4	39	7	45	14	57	22	100	100	193	4
6	3	37	8	46	14	57	24				0
7	2	36	8	46	14	57	24				0
8	3	37	9	48	17	63	24				0
9	2	36	9	47	15	59	24				0
10	4	39	10	51	19	66	24				0
11	2	36	9	48	16	61	24				0
12	2	36	10	50	18	64	22	52	58	65	14
13	7	45	11	53	18	64	24	35	43	55	24
14	5	41	10	51	17	63	24	38	55	90	24
15	3	37	9	48	15	59	24	42	68	100	24
16	3	37	11	51	18	64	24	50	59	74	24
17	6	43	12	54	28	68	24	31	55	80	24
18	7	45	14	56	20	68	24	37	49	63	24
19	a	46	13	54	21	70	2'9	29	41	51	22
20	6	43	12	53	18	04	24	32	46	60	24
21	2	36	8	46	13	55	24	53	77	100	24
22	0	32	7	45	F5	59	24	37	57	81	24
23	2	36	9	48	16	61	24	31	51	86	24
24	1	34	9	48	15	59	24	29	68	97	24
25	1	34	10	50	15	59	24	23	46	70	24
26	3	37	9	49	16	61	22	25	31	39	8
27	2	36	8	47	15	59	24				1
28	2	36	9	47	15	59	24				3
29	2	36	9	48	14	57	24				6
30	4	39	a0	50	16	61	24				0
31	6	43	12	53	17	63	24				0
MQYTH	0	32	9	49	21	70	734	23	60	100	432

MAUNA LOA 6600 MONTH = JUNE YEAR = 1975

DAY	TEMPERATURE MINIMUM C	MINIMUM F	MEAN C	MEAN F	MAXIMUM C	MAXIMUM F	HRS	HUMIDITY MINIMUM (% SATURATION)	HUMIDITY MEAN	HUMIDITY MAXIMUM	HRS
1	6	43	11	52	18	64	24				0
2	7	45	10	50	18	64	16				0
3	6	43	13	55	19	66	24				0
4	7	45	13	55	19	66	24				0
5	8	46	15	58	21	70	24				0
6	8	46	13	56	19	66	24				0
7	7	45	13	55	19	66	24				0
8	5	41	12	53	20	68	24				0
9	5	41	12	54	20	68	24				0
10	6	43	11	53	20	68	24				0
11	3	37	10	50	17	63	24				0
12	4	35	10	50	14	57	24				0
13	4	43	13	55	21	70	24				0
14	8	46	14	57	23	73	24				0
15	9	48	14	58	20	68	24				0
16	6	43	13	55	20	68	24				0
17	5	41	11	51	17	63	24				0
18	4	39	11	51	17	63	24				0
19	4	39	10	49	15	59	24				0
20	3	37	8	47	13	55	24				0
21	2	36	11	51	13	64	24				0
22	6	43	12	53	18	64	24				0
23	6	43	12	54	20	68	20	27	35	49	14
24	10	50	15	59	21	70	24	24	37	58	24
25	9	48	15	59	23	73	24	21	27	43	24
26	5	41	13	55	20	68	24	23	28	42	24
27	3	37	12	53	20	68	24	27	51	99	24
28	3	37	10	50	17	63	24	29	64	99	24
29	6	43	10	50	12	54	24	93	97	99	24
30	5	41	8	46	11	52	16	40	70	96	16
MONTH	2	36	12	53	23	73	700	21	51	99	174

KILAUEA 5400 MONTH = JANUARY YEAR = 1975

DAY	SATURATION DEFICIT (MM HG) MINIMUM	MEAN	MAXIMUM	HRS
1				0
2				0
3				0
4				0
5				0
6				0
7				0
8				0
9				0
10				0
11				0
12				0
13				0
14		(DATA NOT RECORDED)		0
15				0
16				0
17				0
18				0
19				0
20				0
21				0
22				0
23				0
24				0
25				0
26				0
27				0
28				0
29				0
30				0
31				0
MONTH				0

KILAUEA 5400 MONTH = FEBRUARY YEAR = 1975

DAY	<-------- SATURATION DEFICIT (MM HG) MINIMUM	MEAN	MAXIMUM	HRS
1				0
2				0
3	0.32	0.79	2.05	16
4	0.16	0.55	2.17	24
5	0.14	3.64	2.30	24
6	0.06	1.15	5.44	24
7	0.07	0.80	3.14	24
8	3.06	1.68	7.59	24
9	0.16	0.28	6.49	24
10	0.11	0.34	0.77	15
11	0.00	0.08	0.11	24
12	0.10	0.29	1.20	24
13	0.00	0.11	0.22	24
14	0.00	0.13	0.36	24
15	0.00	0.07	0.11	8
16				0
17	0.00	0.27	0.56	14
18	0.00	0.32	1.92	24
19	0.09	0.55	3.33	24
20	0.16	0.49	2.59	24
21	0.00	0.77	3.49	24
22	0.00	0.47	2.35	24
23	0.00	1.00	4.23	24
24	0.77	3.62	10.22	20
25	0.26	5.11	14.55	24
26	0.10	2.44	7.55	24
27	0.00	0.36	1.92	24
28	0.00	0.08	0.22	24
MONTH	0.00	0.92	14.55	556

KILAUEA 5400 MONTH = MARCH YEAR = 1975

	<-------- SATURATION DEFICIT (MM HG)		-------->	
DAY	MINIMUM	MEAN	MAXIMUM	HRS
1	0.09	1.53	5.27	24
2	0.14	2.99	9-91	24
3	0.00	0.29	0.79	18
4	0.08	0.91	3.24	24
5	0.09	0.51	2.17	24
6	0.08	1.81	8.07	24
7	0.00	1.06	4.80	24
8	0.00	1-74	6.67	24
9	0.08	1.10	5.73	24
10	0.09	0.49	2.18	16
11	0.08	0.87	2.59	24
12	0.10	0.19	0.36	24
13	0.10	0.18	0.48	24
14	0.09	0.27	1.08	24
15	0.09	0.26	0.90	24
16	0.00	0.39	0.90	24
17	0.00	0.00	0.00	18
18	0.00	0.10	0.67	24
19	0.00	1.11	4.49	24
20	0.00	1.26	5.61	24
21	0.00	1.65	7.55	24
22				0
23				0
24				0
25				3
26				0
27				0
28				0
29				0
30				0
31				0
MONTH	0.00	0.91	9.91	484

KILAUEA 5400 MONTH = APQIL YEAR = 1975

	<-------- SATURATION DEFICIT (MM HG)		--------->	
DAY	MINIMUM	MEAN	MAXIMUM	HRS
1				0
2				0
3				0
4				0
5				0
6				0
7				0
8	0.18	0.60	1.92	12
9	0.09	0.44	1.35	24
10	0.00	0.80	3.82	24
11	0.00	0.54	2.28	24
12	0.00	2.24	6.43	14
13				0
14				0
15				0
16				0
17				0
18				0
19				0
20				0
21				0
22				0
23				0
24				0
25				0
26				0
27				0
28	0.00	0.19	0.58	14
29	0.00	0.60	2.94	24
30	0.00	0.56	2.30	24
MONTH	0.00	0.70	6.43	160

KILAUEA 5400 MONTH = MAY YEAR = 1975

DAY	<-------- SATURATION DEFICIT (MM HG) MINIMUM	MEAN	MAXIMUM -------->	HRS
1	0.00	0.55	2.28	24
2	0.00	0.19	0.63	24
3	0.00	0.18	0.39	24
4	0.00	0.16	0.42	24
5	0.00	0.05	0.21	18
6	0.00	0.07	0.22	24
7	0.00	0.08	0.34	24
8	0.00	0.46	2.59	24
9	0.00	0.70	3.78	24
10	0.00	1.83	7.59	24
11	0.00	1.68	6.27	24
12	0.00	1.06	4.80	18
13	0.21	2.52	7.90	24
14	0.00	0.88	3.03	24
15	0.00	1.06	4.37	24
16	0.00	0.99	3.49	24
17	0.06	2.05	7.92	24
18	0.00	1.64	5.38	24
19	0.00	1.14	4.96	20
20	0.00	0.88	4.65	24
21	0.00	0.13	0.30	22
22				0
23				0
24				0
25				0
26	0.24	1.30	3.71	12
27	0.12	1.45	4.94	24
28	0.00	1.00	4.08	24
29	0.09	0.69	2.81	24
30	0.00	0.73	3.49	24
31	0.00	0.86	2.43	24
MONTH	0.00	0.90	7.92	618

KILAUEA 5400 MONTH = JUNE YEAR = 1975

DAY	SATURATION DEFICIT (MM HG) MINIMUM	MEAN	MAXIMUM	HRS
1	0.08	1.47	5.27	24
2	0.00	0.78	3.48	16
3	0.08	1.55	6.04	24
4	0.08	1.33	4065	24
5				0
6				3
7				0
a				0
9				0
10				0
11				0
12				0
13				0
14				0
15				0
14	0.26	1.03	2.02	12
17	0.00	1.15	3.55	24
18	0.17	0.81	2.52	24
19	0.09	0.83	3.58	24
20	0.00	2.22	0.79	24
21	3.00	0.88	3.34	24
22	0.00	1.10	3.72	24
23	0.07	2.56	8.74	18
24	0.24	3.16	7.55	24
25	0.09	0.97	3.27	24
26	0.00	1.62	5.38	24
27	0.00	2.22	7.27	24
28	0.00	1.83	6.98	24
29	0.08	0.15	0.24	24
30	0.00	1.00	4.07	20
MONTH	0.00	1.31	8.74	426

MAUNA LOA 4280 MONTH = JANUARY YEAR = 1975

DAY	SATUPATION DEFICIT (MM HG) MINIMUM	MEAN	MAXIMUM	HRS
1	0.20	2.68	8.90	24
2	0.39	2.55	7.59	24
3	0.90	0.79	2.25	24
4	0000	0.13	0.37	24
5	0.10	0.27	0.45	24
6	0.00	0.33	0.72	24
7	0.00	0.03	0.11	24
8	0.00	0.00	3.00	24
9	0.00	0 00	0.00	24
10	0.00	I.30	7.28	24
11	0.11	0.96	5-79	24
12	0.09	1.43	7.28	24
13	0.08	0.55	3.41	20
14	0.08	1.65	7.55	24
15	0.17	1016	5.79	24
16	0.08	0.99	5.62	24
17	0.21	1.70	4.03	24
18	0.00	1.85	8.07	24
19	0.00	0.41	2.05	L0
20	0.20	0.78	2.32	16
21	0.16	2.59	8.77	24
22	0.46	2.38	9.48	24
23	0.28	1.88	6.11	24
24	1.11	4.75	10.52	24
25	0.34	1.81	3.37	24
26	0.23	2.19	6.98	24
27	0.00	2.84	10.88	22
28	0.00	1.01	4.51	24
29	0.00	0.18	0.84	24
30	0.00	0.00	0.00	24
31	0.00	0.00	0.00	24
MONTH	0.00	1.29	10.88	716

MAUNA LOA 4200 MONTH = FEBRU RY YEAR = 1975

	<-------- SATURATION DEFICIT ---------> (MY HG)			
DAY	MINIMUM	MEAN	MAXIMUM	HRS
1	0.00	0.08	0.21	24
2	0.11	0.61	3.25	24
3	0.00	0.15	0.38	18
4	0.00	0.39	1.66	24
5	0.00	0.79	3.78	24
6	0.00	1.61	6.35	24
7	0.16	1.89	6.11	24
8	0.00	2.60	8.57	24
9	0.00	0.07	0.34	24
10	0.00	0.20	0.77	20
11	0.00	0.03	0.20	24
12	0.00	0.31	1.54	24
13	0.00	0.24	1.28	24
14	0.69	0.97	5.59	24
15	0.09	1.49	5.77	24
16	0.74	2.28	3.82	10
17	0.00	3.02	0.13	12
18	0.00	0.63	4.51	24
19	0.00	1.01	4.62	24
20	0.00	1.15	7.55	24
21	0.00	1.24	6.53	24
22	0.00	1.74	7837	18
23	0.00	2.23	6.50	24
24	0.17	7.65	14.75	20
25	0.28	7.47	16.58	24
26	0.00	3.31	8.77	24
27	0.00	0.83	4.23	24
28	0.00	0.00	0.00	24
MONTH	0.00	1.45	16.58	626

MAUNA LOA 4200 MONTH = MARCH YEAR = 1975

	<-------- SATURATION DEFICIT (MM HG)		-------->	
DAY	MINIMUM	MEAN	MAXIMUM	HRS
1	0.00	2.06	6.81	24
2	0.92	4.20	12.28	24
3	0.00	0.49	1.91	18
4	0.00	1.26	4.09	24
5	0.00	0.56	3.27	24
6	0.00	2.37	8.96	24
7	0.00	1.23	4.65	24
8	0.00	2.02	7.84	24
9	0.00	1.59	6.66	24
10	0.00	0.08	0.22	14
11	0.12	0.12	0.12	2
12	0.11	0.24	0.58	24
13	0.00	0.23	0.41	24
14	0.00	0.03	0.11	8
15	0.69	0.69	0.69	2
16	0.00	0.53	1.89	18
17	0.00	0.56	3.72	22
18	0.00	1.01	4.07	24
19	0.00	3.50	6.54	24
20	0.09	2.27	6.69	24
21	0.10	2.56	8.24	24
22	0.00	0.99	5.73	24
23	0.00	1.07	6.14	24
24	0.00	1.42	6.20	20
25	0.00	0.85	3.56	24
26	0.00	0.37	2.64	24
27	0.00	0.02	0.11	24
28	0.00	0.64	3.49	24
29	0.00	0.18	1.15	24
30	0.00	0.00	0.00	24
31	0.00	1.12	5.79	24
MONTH	0.00	1.20	12.28	656

MAUNA LOA 4200 MONTH = APRIL YEAR = 1975

	<-------- SATURATION DEFICIT (MM HG)		--------->	
DAY	MINIMUM	MEAN	MAXIMUM	HRS
1	0.00	1.85	6.67	24
2	0.00	0.10	0.63	24
3	0.00	0.87	4.62	24
4	0.00	0.99	6.11	24
5	0.00	0.22	1.54	24
6	0.00	0.95	5.82	24
7	0.00	0.00	0.00	16
8	0.00	1.11	4.49	24
9	0.00	1.33	5.25	24
10	0.00	0.50	2.94	24
11	0.00	0.23	1.92	24
12	0.00	1.15	4.09	24
13	0.00	1.16	3.72	24
14	0.00	2.27	7.59	24
15	0.09	1.51	6.76	24
16	0.00	0.92	2.81	24
17	0.00	2.91	8.41	24
18	0.00	2.13	6.52	24
19	0.00	0.66	2.40	24
20	0.10	0.71	2.76	24
21	0.10	1.75	6.50	22
22	0.11	2.60	5.58	24
23	0.10	2.48	8.24	24
24	0.00	1.86	4.80	24
25	0.00	0.90	3.14	24
26	0.00	1.76	7.02	24
27	0.00	1.25	5.28	24
28	0.00	1.59	6.72	24
29	0.00	1.76	6.35	24
30	0.00	1.28	4.96	24
MONTH	0.00	1.31	8.41	710

MAUNA LOA 4200 MONTH = MAY YEAR = 1975

	<-------- SATURATION DEFICIT (MM HG)		-------->	
DAY	MINIMUM	MEAN	MAXIMUM	HRS
1	0.00	1.63	6.04	24
2	0.00	1.56	5.61	24
3	0.00	1.66	6.04	24
4	0.00	1.14	4.64	24
5	0.00	0.67	3.49	22
6	0.00	0.71	3.34	24
7	0.10	1.12	4.09	24
8	0.08	2.01	8.42	24
9	0.07	2.28	6.76	24
10	0.00	1.37	3.96	16
11	0.24	0.34	0.43	4
12	0.30	5.10	10.72	16
13	0.20	5.55	12.86	24
14	0.11	3.75	7.72	24
15	0.00	2.85	11.60	24
16	0.00	2.05	7.28	24
17	0.00	3.67	12.99	24
18	0.00	3.26	10.54	24
19	0.00	2.51	11.18	22
20	0.00	2.67	8.03	24
21	0.00	0.59	1.92	24
22	0.00	3.08	10.32	24
23	0.00	3.28	10.70	24
24	0.00	1.82	9.12	24
25	0.00	2.35	8.21	24
26	0.00	2.63	8.60	20
27	0.00	2.69	8.96	24
28	0.00	1.81	7.92	24
29	0.00	1.52	5.89	24
30	0.00	0.96	5.27	24
31	0.00	2.19	6.84	24
MONTH	0.00	2.25	12.99	700

MAUNA LOA 4200 MONTH = JUNE YEAR = 1975

DAY	<-------- SATURATION DEFICIT (MM HG) MINIMUM	MEAN	MAXIMUM -------->	HRS
1	0.20	3.03	10.33	24
2	0.00	1.01	3.22	18
3	0.00	3.81	10.75	24
4	0.21	2.97	7.84	24
5	0.00	3.40	11.65	24
6	0.00	3.66	11.87	24
7	0.00	3.12	9.33	24
8	0.00	2.02	9.89	24
9	0.00	3.56	11.31	22
10	0.00	2.12	9.12	24
11	0.00	1.88	7.74	24
12	0.00	1.61	7.28	24
13	0.00	2.14	6.60	24
14	0.00	2.20	7.94	24
15	0.00	2.50	8.25	24
16	0.74	1.12	1.67	6
17				0
18				0
19				0
20				0
21				0
22				0
23	6.36	7.94	9.48	10
24	0.30	4.68	7.74	24
25	0.00	1.75	5.61	24
26	0.00	2.23	7.26	24
27	0.11	3.82	10.53	24
28	0.00	3.00	11.01	24
29	0.00	0.18	1.58	24
30	0.00	0.43	1.24	16
MONTH	0.00	2.64	11.87	528

MAUNA LOA 5400 MONTH = JANUARY YEAR = 1975

DAY	<-------- SATURATION DEFICIT (MM HG) MINIMUM	MEAN	MAXIMUM --------->	HRS
3	0.00	4.51	11.34	24
2	0.28	1.83	6.40	24
3	0.00	0.79	3.15	24
4	0.00	0.07	0.34	24
5	0.17	0.23	0.30	24
6	0.00	0.42	1.37	22
7	0.00	0.00	0.00	24
8	0.00	0.00	0.00	24
9	0.00	0.00	0.00	24
10	0.00	0.69	2.76	24
11	0.09	0.51	2.48	24
12	0.08	1.22	5.73	24
13	0.07	0.46	3.27	22
14	0.00	1.10	4.09	24
15	0.14	1.05	3.84	24
16	0.07	0.67	2.69	24
17	0.59	2.34	3.68	24
18	0.07	2.31	6.76	24
19	0.00	0.39	1.32	24
20	0.07	1.22	3.78	22
21	0.26	3.00	6.81	24
22	0.77	2.39	5.46	24
23	0.32	2.33	6.40	24
24	2.07	5.49	10.35	24
25	0.06	1.89	4.49	24
26	0.21	2.49	6.28	24
27	0.05	3.06	8.14	22
28	0.00	0.68	2.00	24
29	0.00	0.34	1.48	24
33	0.00	0.02	0.10	24
31	0.00	0.02	0.10	24
MONTH	0.00	1.34	11.34	736

MAUNA LOA 5400 MONTH = FEBRUARY YEAR = 1975

	<-------- SATURATION DEFICIT (MM HG) --------->			
DAY	MINIMUM	MEAN	MAXIMUM	HRS
1	0.00	0.16	0.48	24
2	0.17	0.75	1.50	24
3	0.18	0.48	1.02	20
4	0.21	0.86	2.81	24
5	0.20	1.08	3.60	24
6	0.00	1.61	5.73	24
7	0.06	1.55	5.63	24
8	0.16	2.34	7.27	24
9	0.16	0.26	0.37	24
16	0.18	0.34	0.96	20
11	0.09	0.17	0.32	24
12	0.08	0.31	1.05	24
13	0.08	0.26	0.89	24
14	0.08	0.75	2.69	24
15	0.00	1.23	5.18	24
16	0.60	1.92	3.84	20
17	0.18	0.48	1.21	18
18	0.00	1.35	4.99	24
19	0.00	1.33	5.38	24
20	0.07	1.48	6.40	24
21	0.09	1.52	6.35	24
22	0.08	1.17	4.91	24
23	0.07	3.09	8.05	24
24	7.68	8.02	8.21	8
25				0
26				0
27				0
28				0
MONTH	0.00	1.18	8.21	542

MAUNA LOA 5400 MONTH = MARCH YEAR = 1975

DAY	<-------- SATURATION DEFICIT (MM HG) MINIMUM	MEAN	MAXIMUM	HRS
1				0
2				0
3				0
4				0
5				0
6				0
7				0
8				0
9				0
10				0
11				0
12				0
13				0
14				0
15				0
16				0
67	0.14	1.37	3.63	14
18	0.00	1.84	4.65	24
19	0.11	7.01	11.62	24
20	2.95	7.95	11.93	24
21	2.10	3.91	7.36	24
22	0.00	1.52	5.58	24
23	0.00	1.60	5.52	24
24	0.00	1.40	5.32	18
25	0.00	1.67	5.23	24
26	0.00	0.49	3.48	24
27	0.00	0.06	0.63	24
28	0.00	0.53	2.43	24
29	0.00	0.07	0.49	24
30	0.00	0.00	0.00	24
31	0.00	1.86	5.73	18
MONTH	0.00	2.12	11.93	338

MAUNA LOA 5400 MONTH = APRIL YEAR = 1975

	<---- SATURATION DEFICIT (MM HG) ---->			
DAY	MINIMUM	MEAN	MAXIMUM	HRS
1	0.11	2.33	6.28	24
2	0.00	0.45	1.18	24
3	0.18	0.98	3.71	24
4	0.20	1.00	4.10	24
5	0.11	0.64	1.68	24
6	0.30	1.35	4.63	24
7	0.17	0.33	0.84	20
8	0.09	0.73	2.94	20
3	0.09	1.14	3.72	24
10	0.00	0.72	2.76	24
11	0.00	0.29	B.35	24
12	0.00	1.52	35 84	24
13	0.00	0.76	2.56	24
14	0.00	2.12	5.23	20
15	0.00	1.48	5.73	24
16	0.00	0.46	1.57	24
17	0.11	2.56	6.27	24
18	0.11	2.09	5.73	24
19	0.32	1.27	3.33	24
20	0.11	1.37	3.60	24
21	0.22	2.32	5.79	22
22	0.79	5.36	8.03	24
23	0.51	5.05	11.78	24
24	0.12	3.35	9.29	24
25	0.11	1.40	3.60	24
26	0.21	2.14	6s81	24
27	0.30	1.87	5.38	24
28	0.11	1.20	3.72	24
29	0.09	2.03	6.83	24
30	0.00	1.67	5.82	24
MONTH	0.00	1.69	11.78	706

MAUNA LOA 5400 MONTH = MAY YEAR = 1975

	<-------- SATURATION DEFICIT (MM HG) --------->			
DAY	MINIMUM	MEAN	MAXIMUM	HRS
1	0.21	2-17	6.00	24
2	0.11	1.65	4.56	24
3	0.39	2.01	6.42	24
4	0.21	1.25	3.20	24
5	0.00	0.63	2.56	22
6	0.00	1.08	3.20	24
7	0.43	1.89	4.48	24
8	0.00	2.92	7.41	24
9	0.08	2-41	7.56	24
10	1.02	5.91	12563	24
11	0.34	4.56	8.57	24
12	0.00	4.26	8.90	20
13	4.31	a. 53	10.88	24
14	0a44	4.49	6.73	24
15	0.00	2.75	7.28	24
16	0.09	3.80	7.37	24
17	0.77	6.99	14.09	24
18	1.28	8.11	13.30	24
19	1.40	6.55	13.44	20
20	0.53	4.76	8.77	24
21	0.17	0.91	1.89	24
22	0.30	2.58	6.81	24
23	0.00	3.06	8.58	24
24	0.09	2.00	6.98	24
25	0.28	3.32	6.28	24
26	0.23	2.74	5.77	22
27	0.30	3.24	6.50	24
28	0.00	2.42	6.78	24
29	0.08	1.59	2.73	24
30	0.08	2.04	3.82	24
31	0.15	3.05	5.58	24
MONTH	0.00	3.30	14.09	732

MALJNA LOP 5400 MONTH = JUNE YEAR = 2975

DAY	SATURATION DEFICIT (MM HG) MINIMUM	MEAN	MAXIMUM	HRS
1	1-31	3.99	7.59	24
2	0.60	4.62	8.10	16
3	0.51	5.10	9.48	24
4	0.00	4.61	10.53	24
5	0.00	4.67	8.95	24
6	0.00	4.43	9.65	24
7	0.16	3.98	8.42	24
8	0.11	2.79	9.54	24
9	0.05	3.50	8.24	22
10	0.11	2.88	8.41	24
11	0.00	1.85	6.81	24
12	0.00	1.19	3.00	24
13	0.20	2.78	6.50	24
14	0.00	3.19	6.84	24
15	0.00	3.49	8.96	24
14	0.00	0.24	0.72	6
17				0
18				0
19				0
20				0
21				0
22				0
23	8.52	13.24	16.03	14
24	6.83	12.07	16.66	24
25	2.69	8.93	15.68	24
26	0.77	7.47	13.50	24
27	0.72	5.67	11.00	24
28	0.00	3.56	9.07	22
29				0
30	0.27	3.65	8.32	8
MONTH	0.00	4.72	16.66	496

MAUNA LOA 6600 MONTH = JANUARY YEAR = 1975

DAY	SATURATION DEFICIT (MM HG) MINIMUM	MEAN	MAXIMUM	HRS
1				0
2				0
3				0
4				0
5				3
6				0
7				0
8				0
9				0
10				0
11				0
12				0
13				0
14		(DATA NOT RECORDED)		0
15				0
16				0
17				0
18				0
19				0
20				0
21				0
22				0
23				0
24				0
25				3
26				0
27				0
28				0
29				0
30				0
31				0
MONTH				0

MAUNA LOA 6600 MONTH = FEBRUARY YEAR = 1935

	<-- SATURATION DEFICIT --> (MM HG)			
DAY	MINIMUM	MEAN	MAXIMUM	HRS
1				0
2				0
3	0.33	0.42	0.59	12
4	0.28	0.94	2.21	24
5	0.30	1.75	3.68	24
6	0.49	3.07	7.36	12
7	1.01	3.19	4.94	16
8	0.77	3.18	8.54	24
9	0.20	0.31	0.68	24
10	0.00	0.13	0.45	18
11	0.00	0.00	0.00	24
12	0.00	0.01	0.09	24
13	0.00	0.13	0.30	24
14	0.00	0.30	2.21	24
15	0.00	0.42	2.21	24
16	0.00	0.92	2.70	24
17	0.00	0.24	0.43	16
18	0.00	1.44	4.49	24
19	0.00	1.16	5.28	24
20	0.00	1.30	4.27	24
21	0.00	1.10	4.56	24
22	0.00	0.64	2.00	24
23	0.23	3.94	6.72	18
24	6.54	6.97	7.37	6
25				0
26				0
27				0
28				0
MONTH	0.00	1.17	8.54	458

MAUNA LOA 6600 MONTH = MARCH YEAR = 1975

DAY	<-------- SATURATION DEFICIT (MM HG) MINIMUM	MEAN	MAXIMUM	---------> HRS
1				0
2				0
3				0
4				0
5				0
6				0
7				0
8				0
9				0
10				0
11				0
12				0
13				0
14				0
15				0
16				0
17				0
18				0
19				0
20				0
21				0
22				0
23				0
24				0
25				0
26				0
27				0
28				0
29				0
30				0
31	0.30	1.91	3.05	14
MONTH	0.30	1.91	3.05	14

MAUNA LOA 6600 MONTH = APRIL YEAR = 1975

DAY	SATURATION DEFICIT (MM HG) MINIMUM	MEAN	MAXIMUM	HRS
1	0.00	1.86	4.00	24
2	0.00	0.89	3.81	22
3	0.00	0.64	2.67	24
4	0.00	0.33	2.25	24
5	0.00	0.12	0.84	24
6	0.00	0.70	3.30	24
7	0.00	0.01	0.05	24
8	0.00	0.48	1.89	20
9	0.00	0.49	2.76	24
30	0.00	0.37	1.47	24
11	0.00	0.32	1-46	24
12	0000	1.10	4.49	24
13	0.00	0.28	0.84	24
14	0.07	1.61	6.40	20
15	0.00	2.45	7.05	24
16	0.00	0.80	2.66	24
17	0.00	3.09	8.06	24
18	1.36	4.25	6.83	24
19	0.00	1.94	4.32	24
28	0.00	1.43	4.99	24
21	0.00	1.94	5-51	20
22	1.55	6.98	10.84	24
23	4.61	7.32	12.36	24
24	1.66	5.49	10.07	24
25	0.00	2.56	6.63	24
26	0.00	1.59	5.91	24
27	0.00	0.68	2.81	24
28	0.00	1.61	6.52	24
29	0.00	1.80	3.71	24
30	0.42	3.46	6.81	24
MONTH	0.00	1.90	12.36	706

MAUNA LOA 6600 MONTH = MAY YEAR = 1975

DAY	SATURATION DEFICIT (MM HG) MINIMUM	MEAN	MAXIMUM	HRS
1	Qa23	4.06	6.82	24
2	0.00	1.42	4.56	24
3	0.00	1.44	4.06	24
4	0.00	0.85	4.32	24
5	0.00	0.00	0.00	4
6				0
7				0
8				0
9				0
10				0
11				0
12	3.14	4.85	7.43	14
13	3-38	6a35	9.29	24
14	0.86	4.39	7.50	24
15	0.00	2.76	5.63	24
16	2.33	3.97	4.04	24
17	2.56	5.17	11.76	24
18	3.46	6.09	10.39	24
19	4.22	6.70	13.25	20
20	3.51	5.79	9.60	24
21	0.00	1.84	3.06	24
22	1.24	3-42	6-01	24
23	1.38	4.17	6.78	24
24	0.24	2.80	6.54	24
25	1.82	5.09	7-48	24
26	4.84	5.93	6.91	8
27				0
28				0
29				0
30				0
31				0
MONTH	0.00	3.89	13.25	430

MAUNA LOA 6600 MONTH = JUNE YEAR = 1975

DAY	<-------- SATURATION DEFICIT (MM HG) MINIMUM	MEAN	MAXIMUM -------->	HRS
1				0
2				0
3				0
4				0
5				0
6				0
7				0
8				0
9				a
10				0
11				0
12				0
13				0
14				0
15				0
16				0
17				0
18				0
19				0
20				
21				0
22				0
23	5.02	8.14	12.81	12
24	3.87	8-42	14.19	24
25	5.99	9.80	16.45	24
26	4.25	8.53	12.70	24
27	0.07	5.71	11-05	24
28	0.09	3.48	9.01	24
29	0.09	1.26	0.56	24
30	0.26	2.70	5.25	16
MONTH	0.07	5.87	16.45	172

LOCATION K5400 WEEKLY HAIN RECORD IN MM

GAUGE TYPE	NUMBER
TRU CHECK	11
AM STD	1
METRIC	4

DATE	<--- TRU CHECK --->			AM STD	<---- METRIC ----->			<---- OVERALL ---->		
YYMMDD	MIN	MEAN	MAX	MEAN	MIN	MEAN	MAX	MIN	MEAN	MAX
741230	95.2	142.0	152.4	85.1	130.3	199.1	226.0	85.1	152.7	226.0
750106	131.6	152.8	160.0	37.6	232.0	234.8	237.0	37.6	166.1	237.0
750113	10.2	22.9	31.7	14.5	11.0	21.4	33.5	10.2	22.0	33.5
750120	5.1	9.4	15.2	3.6	7.3	10.5	14.2	3.6	9.3	15.2
750127	70.6	131.7	163.8	111.8	141.2	194.9	243.3	70.6	146.3	243.3
750203	17.8	33.6	44.4	15.2	14.2	34.5	60.0	14.2	32.7	60.0
750210	44.4	101.0	129.5	77.5	78.8	98.2	118.4	44.4	98.9	129.5
750217	22.4	41.8	63.5	24.9	38.5	46.5	57.0	22.4	41.9	63.5
750224	54.6	82.7	123.2	63.2	67.1	74.8	83.3	54.6	79.5	123.2
750303	4.3	10.1	15.7	3.8	8.7	12.2	16.5	3.8	10.3	16.5
750310	91.4	113.5	158.7	145.8	187.4	204.5	226.7	31.4	138.3	226.7
750317	11.7	26.5	43.2	14.2	20.0	27.7	38.1	11.7	26.1	43.2
750324	11.4	21.5	30.5	19.0	14.7	24.8	35.5	11.4	22.2	35.5
750331	47.0	100.1	152.4	79.2	36.1	109.2	127.4	47.0	101.1	152.4
750408	6.1	15.2	32.0	6.6	7.5	12.6	15.7	6.1	14.0	32.0
750414	26.7	61.5	152.4	35.3	58.6	69.2	86.3	26.7	61.8	152.4
750421	6.1	21.1	62.2	7.6	13.5	20.3	29.0	6.1	20.1	62.2
750428	27.2	47.8	152.4	30.0	31.4	40.0	52.5	27.2	44.7	152.4
750505	15.2	27.0	76.2	21.6	22.8	40.7	85.1	15.2	30.1	85.1
750512	3.0	12.3	50.8	7.9	9.2	12.4	14.2	3.0	12.1	50.8
750519	0.0	0.2	2.5	0.0	0.0	0.0	0.0	0.0	0.2	2.5
750526	1.3	3.0	4.3	1.5	0.6	2.6	4.6	0.6	2.8	4.6
750605	3.0	4.4	5.6	3.6	6.3	10.4	14.6	3.0	5.9	14.6
750609	2.8	13.1	47.0	10.4	10.5	14.9	19.4	2.8	13.4	47.0
750616	3.0	8.4	20.8	5.1	3.3	5.5	8.1	3.0	7.4	20.8
750623	5.G	10.9	54.2	10.9	7.4	9.2	11.2	5.G	10.5	14.2

LWCATION M4200 WEEKLY RAIN RECORD IN MM

GAUGE TYPE	NUMBER
TRU CHECK	0
AM STD	1
METRIC	0

DATE	<--- TRU CHECK --->			AM STD	<---- METRIC ----->			<---- OVERALL ---->		
YYMMDD	MIN	MEAN	MAX	MEAN	MIN	MEAN	MAX	MIN	MEAN	MAX
741230	0.0	0.0	0.0	123.2	0.0	0.0	0.0	123.2	123.2	123.2
750106	0.0	0.0	0.0	439.4	0.0	0.0	0.0	439.4	439.4	439.4
750113	0.0	0.0	0.0	23.6	0.0	0.0	0.0	23.6	23.6	23.6
750120	0.0	0.0	0.0	2.8	0.0	0.0	0.0	2.8	2.8	2.8
750127	0.0	0.0	0.0	49.5	0.0	0.0	0.0	49.5	49.5	49.5
750203	0.0	0.0	0.0	44.7	0.0	0.0	0.0	44.7	44.7	44.7
750210	0.0	0.0	0.0	119.9	0.0	0.0	0.0	119.9	119.9	119.9
750217	0.0	0.0	0.0	14.2	0.0	0.0	0.0	14.2	14.2	14.2
750224	0.0	0.0	0.0	41.4	0.0	0.0	0.0	41.4	41.4	41.4
750303	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750310	0.0	0.0	0.0	62.5	0.0	0.0	0.0	62.5	62.5	62.5
750317	0.0	0.0	0.0	6.3	0.0	0.0	0.0	6.3	6.3	6.3
750324	0.0	0.0	0.0	51.6	0.0	0.0	0.0	51.6	51.6	51.6
750331	0.0	0.0	0.0	62.5	0.0	0.0	0.0	62.5	62.5	62.5
750408	0.0	0.0	0.0	7.9	0.0	0.0	0.0	7.9	7.9	7.9
750414	0.0	0.0	0.0	12.4	0.0	0.0	0.0	12.4	12.4	12.4
750421	0.0	0.0	0.0	3.3	0.0	0.0	0.0	3.3	3.3	3.3
750428	0.0	0.0	0.0	7.9	0.0	0.0	0.0	7.9	7.9	7.9
750505	0.0	0.0	0.0	9.1	0.0	0.0	0.0	9.1	9.1	9.1
750512	0.0	0.0	0.0	3.3	0.0	0.0	0.0	3.3	3.3	3.3
750519	0.0	0.0	0.0	4.3	0.0	0.0	0.0	4.3	4.3	4.3
750526	0.0	0.0	0.0	8.6	0.0	0.0	0.0	8.6	8.6	8.6
750602	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.5	0.5
750609	0.0	0.0	0.0	4.6	0.0	0.0	0.0	4.6	4.6	4.6
750616	0 0	0 0	0 0	0.0	0 0	0.0	0 0	0.0	0.0	0.0
750623	0 0	0 0	0 0	5.1	0 0	0.0	0 0	5.1	5.1	5.1

LOCATION M5400 WEEKLY RAIN RECORD IN MM

GAUGE TYPE	NUMBER
TRU CHECK	11
AM STD	1
METRIC	4

DATE YYMMDD	<--- TRU CHECK ---> MIN	MEAN	MAX	AM STD MEAN	<---- METRIC ----> MIN	MEAN	MAX	<---- OVERALL ----> MIN	MEAN	MAX
741230	54.6	91.3	120.6	157.0	75.3	93.1	120.9	54.6	95.9	157.0
750106	152.4	152.4	152.4	609.6	231.0	231.0	231.0	152.4	200.6	609.6
750113	18.8	28.4	38.1	34.5	19.2	23.8	29.8	18.8	27.6	38.1
750120	2.8	4.2	7.1	5.1	2.8	3.2	3.6	2.8	4.1	7.1
750127	118.1	153.9	165.1	284.2	161.5	210.0	226.3	118.1	176.1	284.2
750203	31.7	44.7	61.0	50.8	37.3	70.9	121.1	31.7	51.6	121.1
750210	58.4	9d.l	115.6	104.6	77.7	91.4	104.8	58.4	96.9	115.6
750217	9.7	16.7	21.3	26.7	13.6	16.4	20.G	9.7	17.3	26.7
750224	7.1	13.1	26.7	22.1	9.6	12.5	19.3	7.1	13.6	26.7
750303	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750310	21.1	36.1	49.0	26.7	52.7	62.0	75.1	21.1	42.0	75.1
750317	5.8	4.4	5.6	2.5	1.2	1.4	1.6	1.2	3.5	5.6
750324	33.0	97.7	77.5	51.1	52.3	70.2	96.7	33.0	53.5	36.7
750331	31.7	41.1	61.0	53.8	23.3	36.3	47.4	23.3	40.7	61.0
750408	5.1	9.8	14.2	12.7	5.1	8.6	14.3	5.1	9.7	14.3
750414	1.0	1.5	2.5	3.0	0.6	0.8	1.2	0.6	1.5	3.0
750421	5.1	6.8	3.7	7.6	3.9	5.7	7.7	3.9	6.6	9.7
750428	1.5	4.4	8.1	9.1	2.7	3.6	4.6	1.5	4.5	9.1
750505	1.5	3.1	4.1	6.6	2.6	3.0	3.8	1.5	3.3	6.6
750512	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750519	0.5	1.7	3.6	3.6	1.2	1.3	1.4	0.5	1.7	3.6
750526	1.3	2.0	2.8	3.3	1.3	1.5	1.8	1.3	1.3	3.3
750602	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750609	(1.0	0.0	0.3	0.8	0.0	0.0	0.0	0.0	0.1	0.8
750616	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750623	3.0	9.0	5.1	6.1	2.3	2.6	3.1	2.3	3.8	6.1

LOCATION M6600 WEEKLY RAIN RECORD IN MM

GAUGE TYPE	NUMBER
TRU CHECK	0
AM STD	1
METRIC	0

DATE	<--- TRU CHECK --->			AM STD	<---- METRIC ----->			<---- OVERALL ---->		
YYMMDD	MIN	MEAN	MAX	MEAN	MIN	MEAN	MAX	MIN	MEAN	MAX
741230	0.0	0.0	0.0	94.0	0.0	0.0	0.0	94.0	94.0	94.0
750106	0.0	0.0	0.0	630.9	0.0	0.0	0.0	630.9	630.9	630.9
750113	0.0	0.0	0.0	29.0	0.0	0.0	0.0	29.0	29.0	29.0
750120	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.5	0.5
750127	0.0	0.0	0.0	69.8	0.0	0.0	0.0	69.8	69.8	69.8
750203	0.0	0.0	0.0	41.9	0.0	0.0	0.0	41.9	41.9	41.9
750210	0.0	0.0	0.0	21.8	0.0	0.0	0.0	21.8	21.8	21.8
750217	0.0	0.0	0.0	15.2	0.0	0.0	0.0	15.2	15.2	15.2
750224	0.0	0.0	0.0	12.7	0.0	0.0	0.0	12.7	12.7	12.7
750303	0.0	0.0	0.0	19.0	0.0	0.0	0.0	19.0	19.0	19.0
750310	0.0	0.0	0.0	38.9	0.0	0.0	0.0	38.9	38.9	38.9
750317	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	3.0	3.0
750324	0.0	0.0	0.0	30.5	0.0	0.0	0.0	30.5	30.5	30.5
750331	0.0	0.0	0.0	41.7	0.0	0.0	0.0	41.7	41.7	41.7
750408	0.0	0.0	0.0	15.5	0.0	0.0	0.0	15.5	15.5	15.5
750414	0.0	0.0	0.0	1.3	0.0	0.0	0.0	1.3	1.3	1.3
750421	0.0	0.0	0.0	4.8	0.0	0.0	0.0	4.8	4.8	4.8
750428	0.0	0.0	0.0	4.6	0.0	0.0	0.0	4.6	4.6	4.6
750505	0.0	0.0	0.0	6.9	0.0	0.0	0.0	6.9	6.9	6.9
750512	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750519	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.5	0.5
750526	0.0	0.0	0.0	1.5	0.0	0.0	0.0	1.5	1.5	1.5
750602	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750609	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750616	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750623	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	2.0	2.0

SITE = K5400

EVENT NO.	DATE WEEK STARTED	DATE RAIN STARTED	HOUR RAIN STARTED	INTENSITY (MM/HR)	DURATION (HRS)	TOTAL PPT (MM)
1	741230	2	18	0.34	6	2.03
2	741230	3	6	1.92	78	149.86
3	750106	6	13	6.54	43	281.18
4	750106	11	17	0.76	2	1.52
5	750113	13	14	3.11	4	12.45
6	750113	19	12	1.63	5	3.13
7	750120	25	11	0.36	7	2.54
8	758127	28	18	1.02	8	8.13
9	750127	29	10	2.22	48	106.68
10	750203	3	15	1.08	8	8.64
11	750203	9	10	1.22	10	12.19
12	750210	10	15	1.61	31	50.04
13	750210	12	17	1.35	3	4.06
14	750230	13	11	2.64	8	21.08
15	750210	14	12	1.27	2	2.54
16	750210	15	18	0.63	4	2.54
17	750210	17	1	5.08	4	20.32
18	750217	17	16	4.66	3	13.97
19	750217	18	1	0.42	11	4.57
20	750217	19	15	0.41	5	2.03
21	750217	21	19	0.57	4	2.29
22	750224	27	0	0.72	6	4.32
23	750224	27	12	0.76	4	3.05
24	750224	28	0	1.05	31	32.51
25	750310	11	17	0.91	64	58.17
26	750310	14	16	0.36	5	1.78
27	750310	15	23	0.89	6	5.33
28	750317	18	17	0.32	12	3.81
29	750317	22	12	0.51	5	2.54
30	750324	29	15	0.80	6	4.83
31	750324	30	3	0.81	15	12.19
32	750331	2	11	0.51	9	4.57
33	750331	3	7	0.89	2	1.78
34	750331	3	21	0.23	12	2.79
35	750331	5	3	0.78	24	18.80
36	750331	6	13	2.13	10	21.34
37	750331	7	11	0.91	10	9.14
38	750408	11	14	0.95	4	3.81
39	750414	15	2	0.51	3	1.52
40	750414	17	22	0.41	8	3.30
41	750414	19	9	0.32	47	14.99
42	750421	21	15	0.46	5	2.29
43	750428	2	2	0.38	10	3.81
44	750428	4	12	0.48	16	7.62
45	750505	5	16	0.45	14	6.35
46	750505	6	16	0.51	4	2.03
47	750505	7	16	0.89	2	1.78
48	750616	20	13	0.41	5	2.03
49	750623	28	22	0.51	5	2.54
50	750623	29	a0	1.08	4	4.32

SITE = M5400

EVENT NO.	DATE WEEK STARTED	DATE RAIN STARTED	HOUR RAIN STARTED	INTENSITY (MM/HR)	DURATION (HRS)	TOT(MM)PPT
1	741230	3	6	1.46	4	5.84
2	741230	3	21	2.19	47	103.12
3	741230	6	5	0.76	5	3.81
4	750106	6	16	6.95	44	305.82
5	750113	13	13	4.25	4	17.02
6'	750113	16	17	0.47	7	3.30
7	750113	19	11	1.47	5	7.37
8	750120	20	14	1.10	3	3.30
9	750127	28	14	1.06	12	12.70
10	750127	29	10	2.60	81	210.82
11	750127	2	12	2.52	11	27.69
12	750203	3	14	2.13	8	17.02
13	750203	9	12	1.20	22	26.42
14	750210	10	13	1.36	37	50.29
15	750210	12	17	1.68	5	8.38
16	750210	13	12	3.74	7	26.16
17	750210	14	13	2.16	2	4.32
18	750210	17	2	4.13	4	16.51
19	750217	17	15	5.33	3	16.00
20	750224	28	19	1.13	11	12.45
21	750310	11	18	0.81	26	21.08
22	750310	13	19	1.04	13	13.46
23	750310	16	0	0.89	2	1.78
24	750324	27	10	0.40	9	3.56
25	750324	29	14	2.33	6	13.97
26	750324	30	2	1.73	15	25.91
27	750331	2	17	0.85	3	2.54
28	750331	5	16	1.14	10	11.43
29	750331	6	13	2.31	9	20.83
30	750331	7	14	0.80	7	5.59
31	750408	11	12	1.31	6	7.87
32	750421	27	14	0.97	6	5.84
33	750428	4	16	0.32	12	3.81
34	750505	5	23	0.57	4	2.29
35	750519	24	14	0.34	6	2.03
36	750526	28	15	0.68	3	2.03
37	750623	28	23	0.36	5	1.78
38	750623	29	11	0.57	4	2.29

TECHNICAL REPORTS OF THE US/IBP ISLAND ECOSYSTEMS IRP

(Integrated Research Program)

***No. 1** Hawaii Terrestrial Biology Subprogram. First Progress Report and Second-Year Budget. D. Mueller-Dombois, ed. December 1970. *144* p.

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